

U.S. Patent Application Serial No. 09/745,996

discussed in detail for example by Tachika in "Digital Matched Filter Technique in Spread Spectrum Communication and its Problems," *IEICE Technical Report* SST 62-21.

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Please replace the paragraph beginning at page 3, line 28 with the following rewritten paragraph:

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Then, the accuracy of peak detection of correlation values can be improved by averaging correlation values of multiple frames even if  $E_b/N_0$  is small. A digital matched filter using this cyclic integration is discussed in detail, for example, by Tachika et al in "DS/GMSK/PSK System Using Four-Phase Correlator and Spread Spectrum Demodulation LSI," *IEICE Technical Report* SST96-26.

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